

Preliminary Amdt. dated January 21, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Please amend the claims to read as set forth below.

1. (Currently Amended) Molecule of nucleic acid which comprises a sequence of the gene that codes for factor VII, ~~characterized in that wherein~~ said molecule includes at least one allelic variant, said allelic variant being one of those identified in Table 1:

Nucleotide O'Hara et al.	Allelic Variant	Position	Type
-3216	C/T	Promoter	SNP
-2987	C/A	Promoter	SNP
-668	A/C	Promoter	SNP
-628	A/G	Promoter	SNP
73	G/A	Intron 1	SNP
260	A/G	Intron 1	SNP
364	G/A	Intron 1	SNP
698	T/C	Intron 1	SNP
705	G/A	Intron 1	SNP
710	C/G	Intron 1	SNP
723	IVS1	Intron 1	VNTR
799	T/C	Intron 1	SNP
806	G/A	Intron 1	SNP
811	C/G	Intron 1	SNP
833	T/C	Intron 1	SNP
3.171	G/A	Intron 2	SNP

3.294	G/A	Intron 2	SNP
3.380	C/T	Intron 2	SNP
3.423	G/T	Intron 2	SNP
3.928 Q35Q	G/A	Exon 3	SNP
4.003	G/A	Intron 3	SNP
5.191	A/G	Intron 3	SNP
5.503	T/A	Intron 3	SNP
6.331	G/A	Intron 5	SNP
6.448	G/T	Intron 5	SNP
6.452	G/T	Intron 5	SNP
6.461	IVS5	Intron 5	VNTR
7.161	G/C	Intron 5	SNP
7.453	T/G	Intron 5	SNP
7.729	G/A	Intron 5	SNP
7.880 H115H	C/T	Exon 6	SNP
8.695	G/A	Intron 6	SNP
9.724	IVS7	Intron 8	VNTR
9.734	A/G	Intron 8	SNP
9.779	T/C	Intron 8	SNP
9.792	G/A	Intron 8	SNP
9.847	C/T	Intron 8	SNP
10.524	G/A	Intron 8	SNP
10.534	T/C	Intron 8	SNP
10.799 A294V	C/T	Exon 9	SNP

10.914 S333S	G/A	Exon 9	SNP
10976 R353Q	G/A	Exon 9	SNP
11.293	Ins AA	3'-UTR	Insertion
11.622	Del AG	3'-UTR	SNP
11.912	G/A	3'-UTR	SNP

2. (Original) Isolated product coded by a nucleic acid molecule according to Claim 1 for use as a medicament.
3. (Original) Allele-specific oligonucleotide which hybridizes with a nucleic acid molecule as claimed in claim 1, in which the nucleotide of the polymorphic locus of said allele-specific oligonucleotide is different from the nucleotide of the polymorphic locus of the reference allele.
4. (Currently Amended) Oligonucleotide as claimed in Claim 3, characterised in that wherein it is a probe.
5. (Currently Amended) Oligonucleotide as claimed in Claim 3, characterised in that wherein it is one of the group consisting in SEQ ID N°: 1 to 36.
6. (Currently Amended) Procedure for analysis of a nucleic acid molecule, characterised in that wherein it comprises obtaining said molecule from biological sample and determining at least one allelic variant from Table 1, said allelic variant affecting the stability and/or functionality of the nucleic acid molecule and/or of the product coded thereby.
7. (Currently Amended) Diagnostic device for determining a predisposition to a cardiovascular disease, characterised in that wherein it includes an oligonucleotide; said oligonucleotide is different from the nucleotide of the polymorphic locus of the reference allele.

8. (Original) Use of a molecule of nucleic acid according to claim 1 for the development of therapeutic, preventive or diagnostic approaches for the treatment of a cardiovascular disease.

9. (Original) Use of an isolated product according to claim 2 for the manufacture of a medicament for the treatment of a cardiovascular disease.